Please type a plus	ign (+) inside this box	\rightarrow \vdash
--------------------	-------------------------	------------------------

DECLARATION FOR UTILITY OR

DESIGN

Said MANSOUR

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OM8 control number. Attorney Docket Number

First Named Inventor

DESIGN		COMPLETE IF KNOWN							
PATENT APPLIC		Application Number	or						
(37 CFR 1.6	3)	Filing Date							
M Decigiation — 6	eclaration Submitted after Initial	Group Art Unit							
with Initial	filing (surcharge 37 CFR 1.16 (e)) equired)	Examiner Name							
As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LOW TEMPERATURE OXYGEN GAS SENSOR									
	(Titl	e of the Invention)							
is attached hereto OR Was filed on (MM/DD/YYY) O7/30/1999 (if applicable). Application Number CT/US99/17422 and was amended on (MM/DD/YYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United Stat is of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYY)	Not Claimed	Certified Copy Attached? YES NO					
Number(s) US99/17422	PCT	07/30/1999	0000	8000					
Additional foreign application	aumbor are listed on a	supplemental priority de	ala sheet PTO/SE	3/02B attached hereto:					
Additional foreign application I hereby claim the benefit unde	er 35 U.S.C. 119(e) of ar	TY OF ITEU CHAILE THE	nal application(s)	listed below.					
Application Number(s) 60/094.721 60/123.819	Filing Day 07/30/19 03/11/19	98	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						
		(Bace 1 of 2)		Ame comments					

Burden Hour Statement. This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PT /SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a coffection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

	Direct all correspondence to:	Customer N or Bar Code				on [X]	Correspondence address below		
	Name James B. Myers & WOODARD, EMHARDT, NAUGHTON, MORIARTY & MCNETT								
	Address Bank One Center/Tower, Suite 3700								
	111 Monument Circle Address								
	City Indianapolis		·		State	IN	ZIP 46204		
	Country US		Telepho	317-6	34-34	156	317-637-7561 Fax		
	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
	NAME OF SOLE OR FIRST IN	VENTOR :			A peti	tion has been t	filed for this unsigned inventor		
	Given Name (first and middle [if any]) Said				Family or Sun	Name MANSOU	R		
	inventor's Signature						Date		
	Residence: City West Lafayett	:e		State II	v	Country US	Citizenship US		
	Mailing Address 2818 Cambridg	e Street							
	Mailing Address West Lafayett	e, India	na 479	06 US					
	City West Lafayette	State IN			ZIP 4	7906	Country US		
	NAME OF SECOND INVENTOR	:			A petit	ion has been fi	led for this unsigned inventor		
w	Given Name (first and middle [if anyj) Mark				Family (or Sum		R		
	Inventor's MIL-	2					Date / 01/01		
ı	Residence: City West Lafavett	ę		State IN		Country US	Citizenship US		
	Mailing Address 3037 Courthous	se Drive					1		
	Mailing Address West Lafayette	. India	na 479(06 US					
	City West Lafayette	State IN			JP 47	906	Country US		
L	Additional inventors are being named		upplemen						

PTO/S8/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if	any:			Apet	ition has been fil	ed for	this unsigned inventor	
Given Name (first and middle [if ar	((ער				Family Nar	ne or S	Surname	
Michael			ΜC	ELFRE	SH			
Inventor's Signature	El	/w/	_	3/20/01				
Residence: City West Lafayette	St	ate IN)	Countr	, US		Citizenship US	
Mailing Address 931 Princess Drive								
Mailing Address West Lafayette, In	dian	a 4790	6 U	5	····			
City West Lafayette	St	ate IN		ZIP 4	17905	Count	y US	
Name of Additional Joint Inventor, if a	ny:]_ [A petition	on has been filed	for thi	s unsigned inventor	
Given Name (first and middle (if an	yl)		Family Name or Sumame					
Inventor's Signature							Date	
Residence: City	St	ate	Country Citizenship			Citizenship		
Mailing Address								
Malling Address								
City	St	ate		ZIP		Country		
Name of Additional Joint Inventor, if a	ny:		A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any))		Family Name or Surname					
n 7				-				
inventor's Signature							Date	
Residence: City State				Country			Citizenship	
Mailing Address								
Mailing Address								
City	State	,		ŽΙΡ	22 7 27 2	Cor	intry	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademerk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

317 637 7561;



Please type a plus sign (+) inside this box -> +

PTC/SBr02C (3-97)

Approved for use through 9:30/96. OMB 0851-0002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Harold R. Woodard	#16,214		
C. David Emhardt	#18,483		
Joseph A. Naughton, Jr.	#19.814	1	
John V. Moriarty	#26,207		İ
John C. McNett	#25,533	į.	
Thomas Q. Henry	#28,309		
James M. Durlacher	#28,840		
Charles R. Reeves	#28.750		
Vincent O. Wagner	#29,596		
Steve Zlatos	#30,123	į	
Spiro Bereveskos	#30,821		
William F. Bahret	#31,087	}	
Clifford W. Browning	#32,201		
R. Randall Frisk	#32,221		
Daniel J. Lueders	#32,581		
Kenneth A. Gandy	#33,386		
Timothy N. Thomas	#35,714	1	
Kerry P. Sisselman	#37,237]	
Kurt N. Jones	*37,996	1	
John H. Allie	#39,088		
Holiday W. Banta	#40,311		
Troy J. Cole	#35,102		į
L. Scott Paynter	#39,797		
J. Andrew Lowes	#40,706		
	#41,996		
Matthew R. Schantz	#40,800	1	
_	#40.967		
	#40,036		
	#40,581	İ	i
	#41.642	i .	· i
	#44,557		i
	43,910		
	#41,359		
m	¥43,556		
a 4 a	45.431		
_	42,021	1	
	29,446	į	
	727,940		
	I		
	1		1
7.7			i
ì	!		1
· .	į	Ĭ	i
}	į	1	
	1	. 1	i
	i		ł
	ļ	l l	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please	type	8	plus	sign	(+)	inside	this	box	\rightarrow	+	Ì
--------	------	---	------	------	-----	--------	------	-----	---------------	---	---

PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Att rn y Docket Number	7024499PUR93			
First Named Inventor	Said MANSOUR			
COMPLETE IF KNOWN				
Application Number	/			
Filing Date				
Group Art Unit				
Examiner Name				
	First Named Inventor COMPLETE II Application Number Filing Date Group Art Unit			

As a below named inventor, I	hank de la constitución			
My residence, mailing address,	and citizenship are as a	stated below next to my r	wine.	•
I believe I am the original, first a names are listed below) of the s	nd sole inventor (if only	one name is listed below	w) or an original, f	irst and joint inventor (if object
names are listed below) of the s			satent is sought or	n the invention entitled:
DOW 1211 ENGINE OX	GEN GAS SENSOI	R		
<u> </u>				
the specification of which		(Title of the Invention)		
is attached hereto				
OR		betinU as United	States Apolication	Number or PCT International
was filed on (MM/DD/YYY)	07/30/1999			
Application Number PCT/US9	9/17422 and was	amended on (MM/DD/V)	w [03/13/	(if applicable).
I hereby state that I have review	ed and understand the		-15-4	2000
•	,			
l acknowledge the duty to disclosing and applications	se information which is:	material to patentability a	s defined in 37 C	FR 1.56, including for continuation-
in-part applications, material info PCT international filling date of th	mation which became e continuation-in-part a	available between the fili	ng date of the pri	or application and the national or
I hereby claim foreign priority ha			one forming as all	
AMERICA DISTRY below and bour			ast one commit to	Wild Man ing Liniari States of
certificate, or any PCT internation	al application having a	filing date before that of	any foreign application on	cation for patent or inventor's
Prior Foreign Application Number(s)	Country	Foreign Filing Date	Priority	Certified Copy Attached?
	Country	(MM/DD/YYYY)	Not Claimed	YES NO
JS99/17422	PCT	07/30/1999		
		1		
Additional foreign application	numbers are listed on a	Supplemental priority da	ta sheet PTO/SR	MOSP retached baseles
I hereby claim the benefit under	35 U.S.C. 119(e) of an	v United States provision	al application(s)	isted between nereto:
Application Number(s)	Filing Date	(MM/DDYYYY)	a appacadori(s)	ISTEG DEIDW.
60/094,721 60/123,819	07/30/19	98	Additional	provisional application
00/123,819	03/11/19	99		are listed on a ental priority data sheet
	İ		PTO/SB/	028 attached hereto.

[Page 1 of 2]

Burden Hour Statement. This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Tuana type a plus sign (-) inside this box -> +

Under the Papersork Reduction Act of 1995, no persons are required to re-

PTO/SB/01 (10-00)
Approved for use through 19/3 1/2002, OMB 0951-0952
U.S. Patent and Tredement Office; U.S. DEPARTMENT OF COMMERCE
pond to a collection of information unless 8 centains a valid OMB control number

DECLAR	ATION — UI	tility or D	sign Pat nt	Application				
Direct all correspondence to	Customer Numb or Ber Code Lat		OR ▼	Correspondence address below				
Name James 8. Myes	s & WOODARD, EMHARDT, NAUGHTON, MORIARTY & MCNETT							
Address Bank One Ce	ncer/Tower, Sui	te 3700						
Address	Circle							
Chy Indianapolis	,		State IN	ZIP 46204				
Country US	Ye	lephone 317-6	34-3456	317-637-7561 Fex				
DAE DENEMED 10 OF ANEL SUG	purpoer that those stateme or imprisonment, or both	Marka anada w	an the knowledge that will	nts made on information and belief al false statements and the Bo so ise statements may jeopardize the				
NAME OF SOLE OR FIL	RST INVENTOR :			ed for this unsigned inventor				
Given Name [Nest and middle [If any]]	aid		Femily Name MANSOUR	-				
inventore Signature	De			Date 3/26/01				
Residence: City West La	Eavecto	State I	N Country US	Citizenship US				
Mailing Address 2918 Car	mbridge Street							
Mailing Address West La	ayecte, Indiana	47906 US						
City West Lafayotto	State IN		zip 47906	Country US				
NAME OF SECOND INV	ENTOR:		A petition has been file	nd for this unsigned inventor				
Given Name (first and middle (H any)) Max	k		Family Name BRAZIER					
Inventor's Signature	•			Date				
Residence: City West La	ayette	State I	N Country US	Citizenship US				
Mailing Address 3037 Cou	rthouse Drive,	#1						
Mailing Address West Laf	ayette, Indiana	47906 US						
City West Lafayette	State IN		ZIP 47906	Country US				
Additional invantors are being	g remod on the aup	piemental Addition	inventor(s) sheet(s) PTO	SB/02A attached hereto.				

[Page 2 of 2]



Please type a plus sign (+) inside this box	▶	+	
---	---	---	--

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Pagenwork Reduction Act of 1995, no gensons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Suppl mental Sh et Page 1 of 1

Name of Additional Joint Inventor, If any: A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any	1)		<u> </u>	Famil	y Name o	r Sumame			
Michael	_		MC	ELFRESH					
Inventor's Signature			Date						
Residence: City West Lafayette	Starte	IN		Country US		Citizenship US			
Mailing Address 931 Princess Drive									
Mailing Address West Lafayette, Ind	iana	4790	s us	.					
Chy West Lafayette	Stat	IN		ZIP 47906	Соч	ntry US			
Name of Additional Joint Inventor, if ar	ıy:			A petition has bee	n filed for	this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname						
		_							
inventor's Signature						Date			
Residence: City	Stat			Country		Citizenship			
Mailing Address									
Mailing Address			•						
City	Stat	18		ZIP	C	ountry			
Name of Additional Joint Inventor, if ar	ıy:			A petition has been	filed for t	his unsigned inventor			
Given Name (first and middle [if any]))		Family Name or Sumame						
inventor's Signature						Date			
Residence: City	State			Country		Citizenship			
Mailing Address									
Mailing Address									
City	State			ZIP		Country			

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time—you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box -> +

PTO/SB/02C (3-97)

PTO/SB/02C (3-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Harold R. Woodard	#16,214		
C. David Emhardt	#18,483		
Joseph A. Naughton, Jr.	#19,814		
John V. Moriarty	#26_207		
John C. McNett	#25,533		
Thomas Q. Henry	#28,309		
James M. Durlacher	#28,840		
Charles R. Reeves	#28,750		
Vincent 0. Wagner	#29,596	·	
Steve Zlatos	#30,123		
Spiro Bereveskos	#30,821		
William F. Bahret	#31.087		
Clifford W. Browning	#32.201		
R. Randall Frisk	#32.221		
Daniel J. Lueders	#32,581		
	#33,386	l	
Kenneth A. Gandy Timothy N. Thomas	#35,714		
Kerry P. Sisselman	#37,237		
	#37,996		
Kurt N. Jones	#39,088	i	
John H. Allie	#40,311	1	
Holiday W. Banta	#35,102		
Troy J. Cole	¥39,797		
L. Scott Paynter	#40,706	}	1
J. Andrew Lowes	#41.996	ļ.	
Charles J. Meyer	#40,800		
Matthew R. Schantz	#40,967	1	
Gregory B. Coy	#40,036	<u> </u>	
Lisa A. Hiday		<u> </u>	
John V. Daniluck	#40,581 #41,642		ł
Christopher A. Brown	#44,557		ł
C. John Brannon	#43.910	Į.	
Jason J. Schwartz			
Arthur J. Usher, IV	#41,359		
Douglas A. Collier	#43,556 #45,431		1
Brad A. Schepers		1	1
James B. Myers	#42.021	1	1
Scott J. Stevens	#29,446	1	1
	1		
	4		
·1°	1		
1			
	1		
		. Time will vary depending upon the needs	al the individual case. Ac

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

